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<input type="checkbox"/>	L4	L3 and ((arbitrary or irregular\$) near2 (topology or infrastructure or (infra structure)))	3
<input type="checkbox"/>	L3	self adj rout\$ adj (address\$ or protocol\$)	17
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(self routing address) and (arbitrary topology)

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**All Results**[T Lee](#)[X Yuan](#)[B Res](#)[N Morristown](#)[C Li](#)

**Deflection routing in slotted self-routing networks with arbitrary topology - group of 6 »**

CY Li, PKA Wai, XC Yuan, VOK Li - Selected Areas in Communications, IEEE Journal on, 2004 - [ieeexplore.ieee.org](#)

... the proposed **self-routing** scheme for networks with **arbitrary topology**, it is ... a packet is already encoded in the proposed **self-routing address** headers; therefore ...

[Cited by 11](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**A novel self-routing address scheme for all-optical packet-switched networks with arbitrary ... - group of 7 »**

XC Yuan, VOK Li, CY Li, PKA Wai - Lightwave Technology, Journal of, 2003 - [ieeexplore.ieee.org](#)

... determine the most suitable regular **topology** for the ... paper, we propose a novel **self-routing address** scheme that ... applicable to networks with **arbitrary** topologies ...

[Cited by 17](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**METANET: principles of an arbitrary topology LAN - group of 3 »**

Y Ofek, M Yung - IEEE/ACM Transactions on Networking (TON), 1995 - [portal.acm.org](#)

... 2) fair access to the network, 3) no deadlocks, and 4) **self-routing** with broadcast ... project is to design a scalable network with an **arbitrary topology** which has ...

[Cited by 14](#) - [Related Articles](#) - [Web Search](#)

**A novel self-routing scheme for all-optical packet switched networks with arbitrary topology - group of 3 »**

XC Yuan, VOK Li, CY Li, PKA Wai - Communications, 2001. ICC 2001. IEEE International ..., 2001 - [ieeexplore.ieee.org](#)

... **self-routing** to networks with **arbitrary topology**, it is ... Each **address** encodes a different

set of paths ... The proposed **self-routing** scheme can be readily adapted ...

[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

**Autonet: a high-speed, self-configuring local area network using point-to-point links - group of 18 »**

MD Schroeder, AD Birrell, M Burrows, H Murray, RM ... - Selected Areas in Communications, IEEE Journal on, 1991 - [ieeexplore.ieee.org](#)

... volved in building a robust, **self-configuring** network ... failure isolation, deadlock-free packet **routing** without discarding ... by the destination **address** in each ...

[Cited by 341](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)

**Nonblocking copy networks for multicast packet switching - group of 8 »**

TT Lee, BC Res, NJ Morristown - Selected Areas in Communications, IEEE Journal on, 1988 - [ieeexplore.ieee.org](#)

... an **arbitrary** set of input broadcast packets are ... the header containing an **address** interval specified by ... k. Following the generalized **self-routing** algorithm, the ...

[Cited by 165](#) - [Related Articles](#) - [Web Search](#)



(self routing address) and (arbitrary infrastructure)

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**All Results**[A Rowstron](#)[P Druschel](#)[P Papadimitrat...](#)[P Oreizy](#)[V Paxson](#)

**Pastry: Scalable, decentralized object location, and routing for large-scale peer-to-peer systems** - group of 121 »

A Rowstron, P Druschel - Lecture Notes in Computer Science, 2001 - Springer

... A Pastry system is a **self-organizing overlay network** of ... of the node's public key or its **IP address**. ... a network consisting of N nodes, Pastry can **route** to the ...[Cited by 1222](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**QoS routing in self-organized network**

Y Chun, L Qin, L Dongsheng, S MeiLin - Communication Technology Proceedings, 2000.

WCC-ICCT 2000. ..., 2000 - [ieeexplore.ieee.org](#)... flooded into the **self-organized network** ... PF then constructs the complete source **route**to DA, and delivers all ... If the node's own **address** matches the next hop of ...[Cited by 4](#) - [Related Articles](#) - [Web Search](#)

**Semantic Geocast Using a Self-organizing Infrastructure** - group of 9 »

J Roth - Innovative Internet Community Systems, 2003 - Springer

... Semantic Geocast Using a **Self-organizing Infrastructure** ... integrated in the DSDV ad-hoc **routing** algorithm [13 ... sends an update message with its own **address** to its ...[Cited by 2](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Vertex-linked infrastructure for ad hoc networks** - group of 2 »

VOK Li - Personal, Indoor and Mobile Radio Communications, 2004. ..., 2004 -

[ieeexplore.ieee.org](#)... As described in [9], the **self-routing address** scheme for **arbitrary** topology can be easily ... We believe a fiber-based **infrastructure** will be desirable. ...[Web Search](#)

**Self-routing in optical burst switched networks**

H Mellah, FM Abbou, A Abid - Wireless and Optical Communications Networks, 2005.

WOCN ..., 2005 - [ieeexplore.ieee.org](#)... For a Global Information **Infrastructure**, pp ... Li, and PKA Wai, "A Novel **Self-Routing Address** Scheme for ... Packet-Switched Networks With **Arbitrary** Topologies," J ...[Related Articles](#) - [Web Search](#)

**Towards a Reliable, Wide-Area Infrastructure for Context-Based Self-Management of Communications** - group of 4 »

G Stevenson, P Nixon, S Dobson - proc of 2nd IFIP WG6 - [csiweb.ucd.ie](#)... the **infrastructure** has **self-organising** and **self-healing** properties ... that we still need to **address** in order ... Decentralized Object Lo- cation, and **Routing** for Large ...[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

**SelectCast: a scalable and self-repairing multicast overlay routing facility** - group of 3 »

A Bozdog, R van Renesse, D Dumitriu - ... ACM workshop on Survivable and **self-regenerative** systems: in ..., 2003 - [portal.acm.org](#)



(self routing address) and (irregular infrastru

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**All Results**[C Labovitz](#)[N Boden](#)[G Malan](#)[F Jahanian](#)[D Culler](#)**Internet routing instability - group of 56 »**

C Labovitz, GR Malan, F Jahanian - IEEE/ACM Transactions on Networking (TON), 1998 - portal.acm.org

... overheard (memory, CPU, etc.) within the Internet **infrastructure**. ... information to destination IP **address** blocks [2 ... and networks originating in that **routing** domain ...

[Cited by 409](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Self-limiting, adaptive protocols for controlled flooding in ad hoc networks - group of 4 »**

L Hughes, Y Zhang - Communication Networks and Services Research, 2004. ..., 2004 - ieexplore.ieee.org

**Self-limiting, adaptive protocols for controlled flooding in ad hoc ...** be observed when comparing **route 1** with **route 2** in ... i ) as the new current node **address** (x c ...

[Related Articles](#) - [Web Search](#)

**Hyper-cluster: a scalable and reconfigurable wide-area lightwavenetwork architecture**

D Guo, AS Acampora, Z Zhang - Global Telecommunications Conference, 1997. GLOBECOM'97., ..., 1997 - ieexplore.ieee.org

... to network size because they use **self-routing** requiring no **routing** table. ... traffic distribution, it usually results in an **irregular** connection diagram ...

[Related Articles](#) - [Web Search](#) - [BL Direct](#)

**Virtual distributed environments in a shared infrastructure - group of 8 »**

P Ruth, X Jiang, D Xu, S Goasguen - Computer, 2005 - doi.ieeecomputersociety.org

... exist in an orthogonal IP **address** space that ... user-level connections instead of **routing** the traffic ... make virtual distributed environments more **self-adaptive**, we ...

[Cited by 15](#) - [Related Articles](#) - [Web Search](#)

**Application of rapid spanning tree protocol for automatic hierarchical address assignment to bridges**

A Azcorra, G Ibanez - Telecommunications Network Strategy and Planning Symposium. ..., 2004 - ieexplore.ieee.org

... starts communicating, the Parent Bridge will learn its MAC **address** and will ... Up/down **routing** has been applied to deadlock-free **routing** in **irregular** networks. ...

[Related Articles](#) - [Web Search](#)

**Taming the underlying challenges of reliable multihop routing in sensor networks - group of 42 »**

A Woo, T Tong, D Culler - Proceedings of the 1st international conference on Embedded ..., 2003 - portal.acm.org

... poses major challenges to reliable, **self-organizing** multihop ... over a large, very **irregular** region will have ... its fields include MAC **address**, **routing** cost, parent ...

[Cited by 291](#) - [Related Articles](#) - [Web Search](#)

[... /Distributed Computing and First ACIS International Workshop on Self-](#)



(self routing address) and (irregular topology)

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**Scholar** [All articles](#) [Recent articles](#) Results 1 - 10 of about 1,870 for (self routing address) and (irregular :

**All Results**[J Duato](#)[F Silla](#)[D Panda](#)[T Theimer](#)[J Sancho](#)

### Improving the Efficiency of Adaptive Routing in Networks with Irregular Topology - group of 6 »

F Silla, J Duato - Proceedings of the 1997 Int. Conference on High Performance ..., 1997 - doi.ieeecomputersociety.org

... reaches a switch, the destination **address** stored in its ... et al., "Autonet: A high-speed, **self-** configuring local ... TheCray T3E networks: adapt- ive **routing** in a ... Cited by 50 - [Related Articles](#) - [Web Search](#)

### On the use of virtual channels in networks of workstations with irregular topology - group of 11 »

F Silla, J Duato - IEEE Transactions on Parallel and Distributed Systems, 2000 - doi.ieeecomputersociety.org

... are briefly introduced, in order to make the paper **self-contained**. ... is used, concatenated with the incoming port number, to **address** the **routing** table of the ... Cited by 30 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### Load balancing of irregular system area networks through multiple roots - group of 4 »

O Lysne, T Skeie - Proceedings of 2nd International Conference on ..., 2001 - ifi.uio.no  
 ... 32 nodes uniform **address** distribution ... Autonet: a high- speed, **self-**configuring local area network ... Improving the effi- ciency of adaptive **routing** in networks ... . Cited by 8 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

### Layered Shortest Path (LASH) Routing in Irregular System Area Networks - group of 10 »

T Skeie, O Lysne, I Theiss - Proc. of IPDPS, 2002 - ieeexplore.ieee.org  
 ... shortest path **routing** of **irregular** networks in ... Definition 2 A (deterministic) **routing** function  $\mathcal{R}_L$  ... destination **address**  $\mathbf{v}$  as parameters, and returns the ... Cited by 18 - [Related Articles](#) - [Web Search](#)

### Bit-level packet-switching all-optical multihop shuffle networks with deflection routing - group of 8 »

SW Seo, BY Yu, PR Prucnal - Applied Optics, 1997 - OSA  
 ... Although the single bit-level **self-routing** scheme is already ... Be- cause **routing** decisions can be made on ... networks that carry only the final destination **address**. ... Cited by 7 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

### [PS] New Methodology to Compute Deadlock-Free Routing Tables for Irregular Networks - group of 3 »

JC Sancho, A Robles, J Duato - Proceedings of the Workshop on Communication, Architecture, ..., 2000 - ece.purdue.edu  
 ... **Routing** in **irregular** topologies can be based on source ... the latter case, switches re- quire **routing** tables ... arrives at a switch, the destination **address** stored in ... Cited by 29 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)